

[SEMI PERMANENT BACKUP IRON SIGHT]

Abstract of Disclosure

A semi permanent backup iron sight is adapted for attachment to, and detachment from a weapon while other devices are still attached to the weapon. The iron sight comprises a base formed of two vertical rails and an interconnecting member that allows the base to flex for securing the iron sight on the weapon; a sight aperture assembly formed of a sight aperture, a sight aperture frame, a sight aperture spring, and a sight aperture pivot pin; an elevation cam assembly formed of an elevation cam, a retaining clip, an elevation cam spring and keeper, and a detent spring and a ball detent; and a windage mechanism. The base provides a mounting interface for the sight aperture assembly, elevation cam assembly, and windage mechanism. The elevation cam assembly has an elevation scale located in a position that allows the shooter to see the elevation scale without moving his or her head from the shooting position. The elevation cam assembly has a limited range of rotation to preclude inadvertently over rotating the elevation cam assembly during low light and/or high stress conditions.

Figures